

16

FIG. 1A

20

$X_0$
$Y_0$
$Z_0$
$W_0$
$S_0$
$T_0$
$X_1$
$Y_1$
$Z_1$
$W_1$
$S_1$
$T_1$
$C_0$
$C_1$

40

$X_0 \cdot a_1 + a_2$
$Y_0 \cdot b_1 + b_2$
$Z_0 \cdot c_1 + c_2$
$W_0$
$S_0$
$T_0$
$X_1 \cdot a_3 + a_4$
$Y_1 \cdot b_3 + b_4$
$Z_1 \cdot c_3 + c_4$
$W_1$
$S_1$
$T_1$
$C_0 = C_0 + a_5$
$C_1 = C_1 + a_6$

FIG. 1B

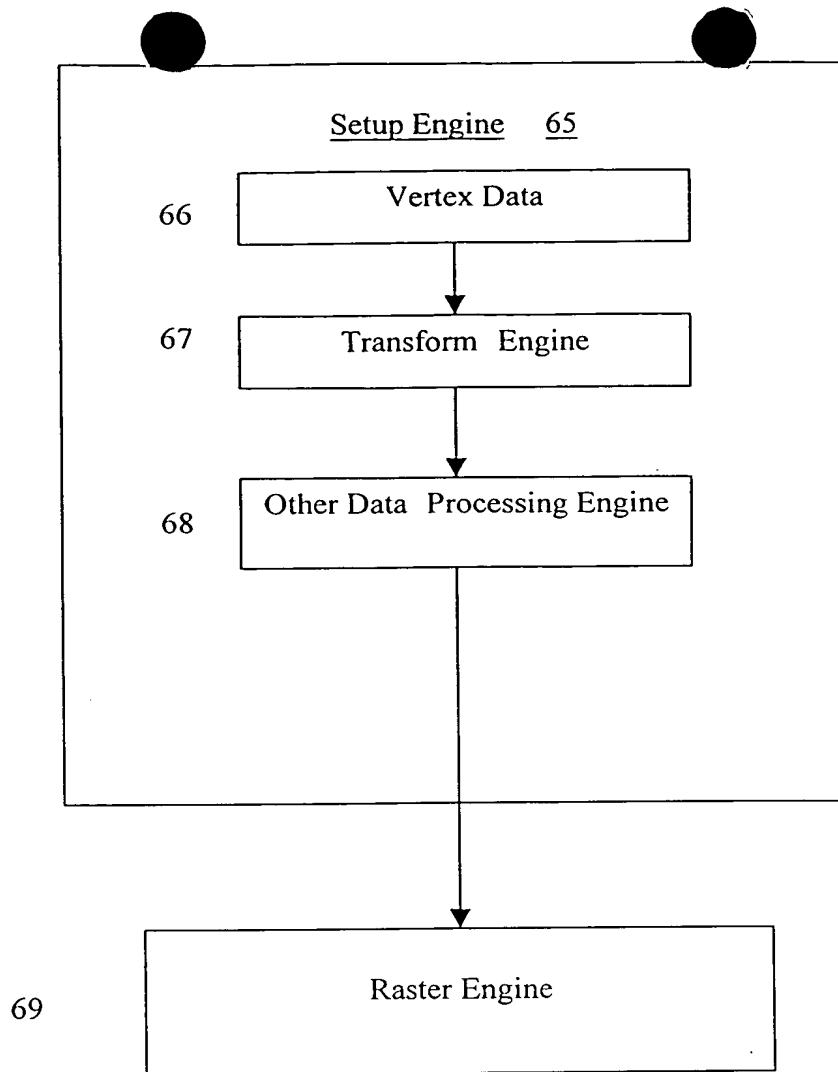


Figure 2

80 ~	Position State Operation 0	$X = X * C_1$
81 ~	Position State Operation 1	$Y = Y * C_2$
82 ~	Position State Operation 2	$Z = Z * C_3$
83 ~	Position State Operation 3	$X = X * W_0$
84 ~	Position State Operation 4	$Y = Y * W_0$
85 ~	Position State Operation 5	$Z = Z * W_0$
86 ~	Position State Operation 6	$X = X + a_1$
87 ~	Position State Operation 7	$Y = Y + a_2$
88 ~	Position State Operation 8	$Z = Z + a_3$
89 ~	Position State Operation 9	Wait

Figure 3a

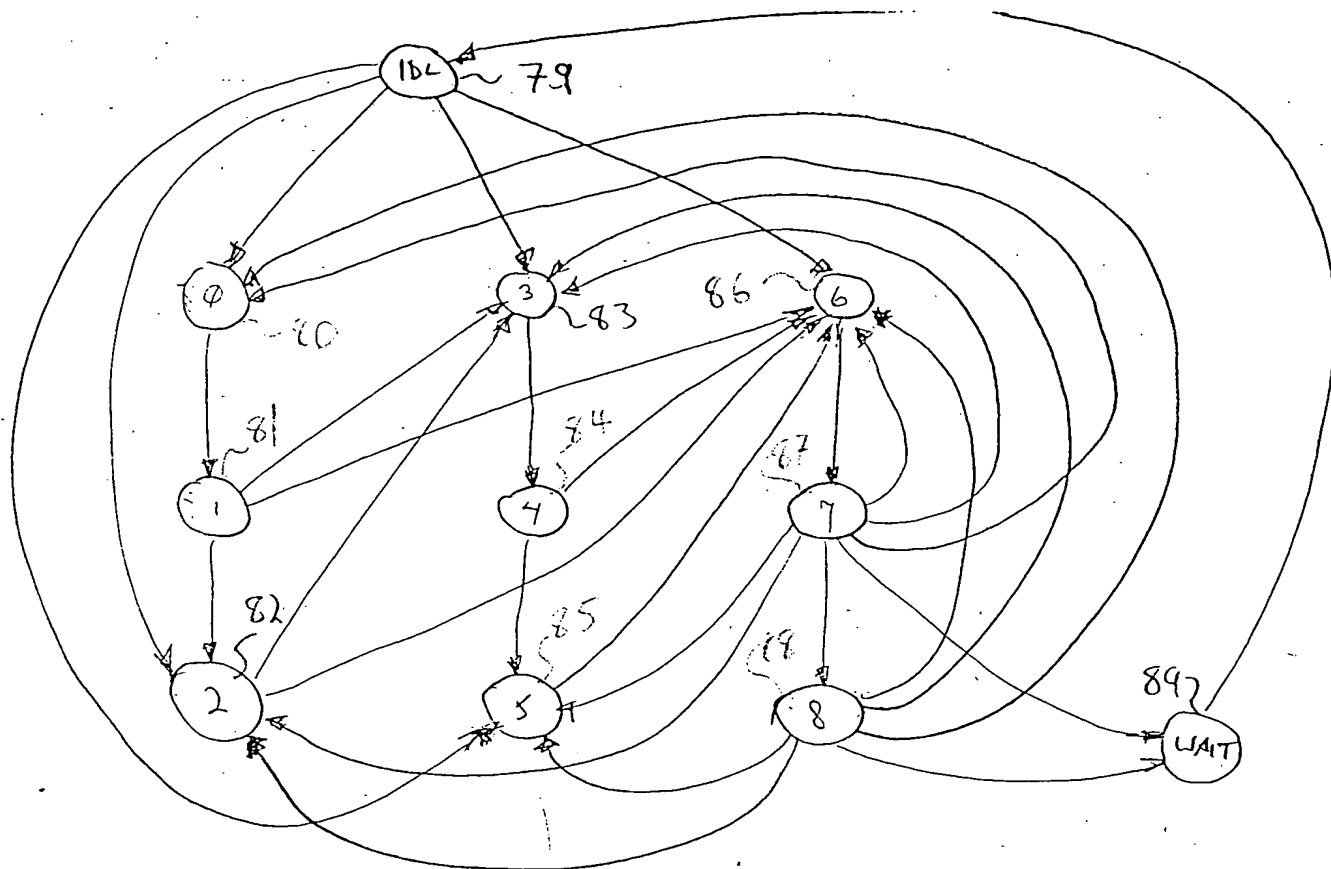
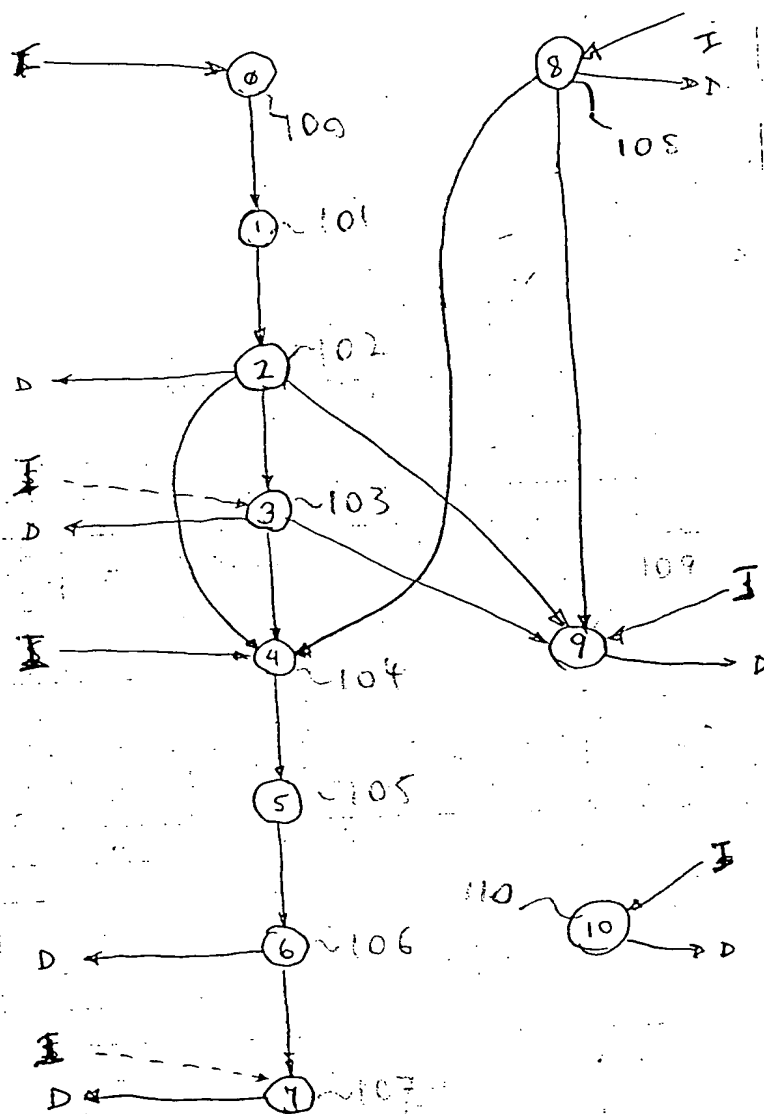


Fig 3b

100 ~	Color State Operation 0	$R_d = R_d + C$
101 ~	Color State Operation 1	$G_d = G_d + C$
102 ~	Color State Operation 2	$B_d = B_d + C$
103 ~	Color State Operation 3	$A = A + C$
104 ~	Color State Operation 4	$R_s = R_s + C$
105 ~	Color State Operation 5	$G_s = G_s + C$
106 ~	Color State Operation 6	$B_s = B_s + C$
107 ~	Color State Operation 7	$F = F + C$
108 ~	Color State Operation 8	$R_d = R_d$
109 ~	Color State Operation 9	$R_s = R_s$
110 ~	NOP	

Figure 4a

[illegible]

I: Initial  
D: Done

Fig 4b

120 ~	Texture State Operation 0	$S_i = S_i$
121 ~	Texture State Operation 1	$T_i = T_i$
122 ~	Texture State Operation 2	$S_i = S_i * W_o$
123 ~	Texture State Operation 3	$T_i = T_i * W_o$
124 ~	Texture State Operation 4	$S_i = S_i * \text{Range}$
125 ~	Texture State Operation 5	$T_i = T_i * \text{Range}$
126 ~	Texture State Operation 6	$S_i = S_i * \text{Size}$
127 ~	Texture State Operation 7	$T_i = T_i * \text{Size}$

Figure 5a

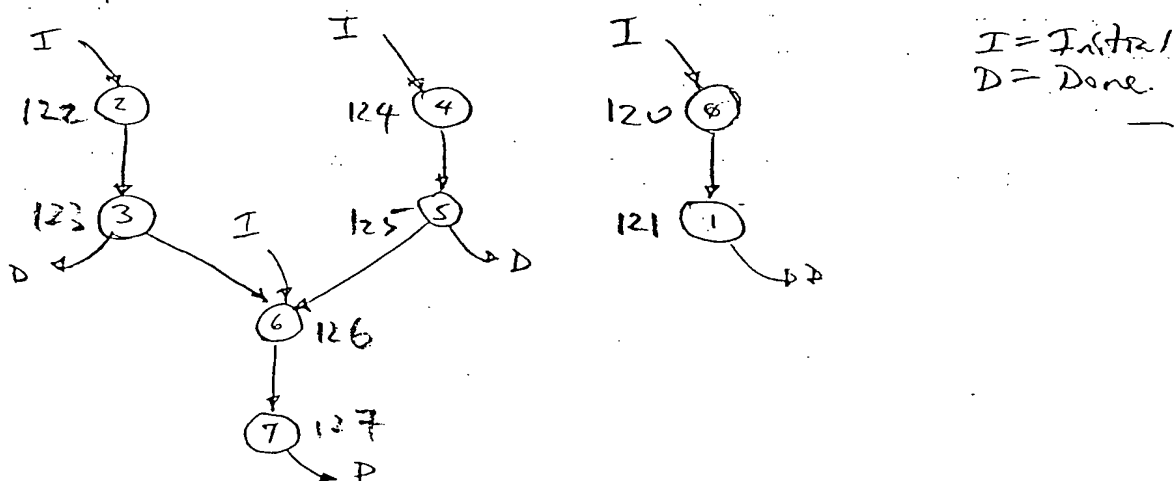


Figure 5b

